

WHAT IS CLAIMED IS:

1. A muffler comprising:

a muffler body;

an upstream pipe, an end portion thereof is opened

5 in the muffler body;

a downstream pipe, an end portion thereof is opened
in the muffler body; and

an opening formed in a side face of the downstream
pipe in the muffler body, the opening being formed in an
10 elongated area extending substantially along a main axis
of the downstream pipe.

2. The muffler of claim 1, wherein the elongated area
is directionally stretched in a circumferential direction
15 of the downstream pipe and is evenly distributed in a
substantial main axis direction of the downstream pipe.

3. The muffler of claim 1, wherein the elongated area
is a belt-like area.

20

4. The muffler of claim 1, wherein
the opening comprises a plurality of small holes
formed in the elongated area.

25

5. The muffler of claim 2, wherein
the opening comprises a plurality of small holes
formed in the elongated area.

6. The muffler of claim 3, wherein
the opening comprises a plurality of small holes
formed in the elongated area.

5

7. The muffler of claim 1, wherein
the opening comprises a slit formed in the elongated
area.

10

8. The muffler of claim 1, wherein
the opening has an opening ratio in a range from 20%
to 40%.

15

9. The muffler of claim 2, wherein
the opening has an opening ratio in a range from 20%
to 40%.

20

10. The muffler of claim 3, wherein
the opening has an opening ratio in a range from 20%
to 40%.

11. The muffler of claim 1, wherein
the opening has an opening ratio of about 30%.

25

12. The muffler of claim 2, wherein
the opening has an opening ratio of about 30%.

13. The muffler of claim 3, wherein
the opening has an opening ratio of about 30%.

14. The muffler of claim 4, wherein
5 the small holes are substantially arranged at regular
intervals in a main axis direction of the downstream pipe.

15. The muffler of claim 5, wherein
the small holes are substantially arranged at regular
10 intervals in a main axis direction of the downstream pipe.

16. The muffler of claim 6, wherein
the small holes are substantially arranged at regular
intervals in a main axis direction of the downstream pipe.